

RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000000000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000000000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000000000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNNNNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNNNNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNNNNN	NNN	000	FFF	FFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRR	RRR	UUU	UUU	NNN	NNNNNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNNNNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNNNNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUUUUUUUUUUUUUUU	NNN	NNN	000000000	FFF	FFF	
RRR	RRR	UUUUUUUUUUUUUUUU	NNN	NNN	000000000	FFF	FFF	
RRR	RRR	UUUUUUUUUUUUUUUU	NNN	NNN	000000000	FFF	FFF	

```

DDDDDDDD MM MM DDDDDDD EEEEEEEEE FFFFFFFF SSSSSSSS
DDDDDDDD MM MM DDDDDDD EEEEEEEEE FFFFFFFF SSSSSSSS
DD DD DD MMM MMM DD DD EE EE FF SS
DD DD DD MMM MMM DD DD EE EE FF SS
DD DD DD MM MM DD DD EE EE FF SS
DD DD DD MM MM DD DD EEEEEEE FFFFFFFF SSSSSS
DD DD DD MM MM DD DD EEEEEEE FFFFFFFF SSSSSS
DD DD DD MM MM DD DD EE EE FF SS
DD DD DD MM MM DD DD EE EE FF SS
DD DD DD MM MM DD DD EE EE FF SS
DDDDDDDD MM MM DDDDDDD EEEEEEEEE FFFFFFFF SSSSSSSS
DDDDDDDD MM MM DDDDDDD EEEEEEEEE FFFFFFFF SSSSSSSS

```

```

RRRRRRRR EEEEEEEEE QQQQQQ
RRRRRRRR EEEEEEEEE QQQQQQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RRRRRRRR EEEEEEEEE QQ QQ
RRRRRRRR EEEEEEEEE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EE QQ QQ
RR RR EEEEEEEEE QQQQ QQ
RR RR EEEEEEEEE QQQQ QQ

```

Version: 'V04-000'

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FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS

ABSTRACT:  
Defines literals and macros used in defining, controlling, and  
accessing the dynamic memory pool.

ENVIRONMENT: Transportable BLISS

AUTHOR: Rich Friday

CREATION DATE: 1978

MODIFIED BY:

004 KAD00004 Keith Dawson 07-Mar-1983  
Global edit of all modules. Updated module names, idents,  
copyright dates. Changed require files to BLISS library.

! Structures defining information stored in a dynamic memory pool.  
MACRO

POOL = VECTOR [POOL\_CNTRL\_SIZE] %,  
PAD = VECTOR [PAD\_CNTRL\_SIZE] %;

LITERAL  
POOL\_CNTRL\_SIZE = 3; !Size of POOL control area.  
PAD\_CNTRL\_SIZE = 2; !Size of a Pooled Area Descriptor.



```
! Offsets into pool control area (POOL) and pool area descriptor (PAD).
LITERAL
  POOL_MAX_PADS = 0,      !Maximum number of PADS that can be accommodated.
  POOL_ACT_PADS = 1,      !Current number of allocated PADS.
  POOL_ACT_SIZE = 2;      !Number of BPVALS in pool control area.
```

```
LITERAL
  PAD_SIZE      = 0,      !Size of pooled area (BLISS VALUES).
  PAD_ADDRESS    = 1;      !Start of pooled area.
```

```
! The GET_SEG_ADDR macro returns the starting address of a segment from the
! specified pool.
```

```
MACRO
  GET_SEG_ADDR(AREA,INDEX) =
    BEGIN
    LOCAL
      PADTAB : REF VECTOR;
      PADTAB = .AREA+POOL_CNTRL_SIZE*%UPVAL;
      .PADTAB[PAD_CNTRL_SIZE*(INDEX-1)+PAD_ADDRESS]
    END
```

```
%;
```

```
!           End of DMDEFS.REQ
```



CONURT REQ			FRMSTK REQ	GETQSC REQ						NDXCLT REQ	NDXRTY REQ			
	ECC REQ							KWITEM REQ				PHDEF REQ		RUNTAB REQ
		FLIPRECS REQ	FNCT REQ		GNCC REQ	IFSTK REQ		LSTOPS REQ				OUTOPT REQ		
DIGIT REQ				F5PACK REQ							NDXXPL REQ			
								MAXIMA REQ				POOL REQ	RUNHAN REQ	
DMDEFS REQ	FFDEFS REQ				GSUCC REQ	INDEX REQ				NDXLIN REQ		PAGEN REQ		
							LETTER REQ				NMLST REQ			
			FOOFIL REQ	GCA REQ				MSG REQ				RNODEF REQ		
DSRLIB REQ	FLGT REQ				HCT REQ	IRAC REQ				NDXPOL REQ		PASS REQ		
							LODEFS REQ							
			FOOREC REQ					MSGTXT REQ	NBITS REQ					
						KC REQ						PDT REQ	RNOMAC REQ	
	FLIRCHRS REQ				HLC REQ		LSTBS REQ				OPDEV REQ			